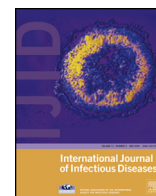


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Letter to the Editor

Predictors for dengue outcome



The recent report on “Timing, predictors, and progress of third space fluid accumulation during preliminary phase fluid resuscitation in adult patients with dengue” is very interesting.¹ Premaratna et al. concluded that “Clinicians should be aware of the limitations of currently recommended predictors of DHF in adult patients who are receiving fluid resuscitation”.¹ I would like to share experience on this topic. According to a previous study from Thailand, it appears that the clinical presentation is useless for predicting progression and the outcome of dengue infection.² In addition, laboratory investigations, especially for hematocrit and platelet count, are also useless.² The results of the study by Premaratna et al.¹ are concordant with those of the previous report.² Indeed, the medical care of dengue cases requires intensive follow-up of clinical changes in hospitalized patients, since the clinical course can change abruptly and there are no effective predictors for such a change.³

Conflict of interest: No conflict of interest to declare.

References

1. Premaratna R, Ragupathy A, Miththinda JK, de Silva HJ. Timing, predictors, and progress of third space fluid accumulation during preliminary phase fluid

resuscitation in adult patients with dengue. *Int J Infect Dis* 2013 Feb 4. pii: S1201-9712(13)00032-5. 2013;17:e505-9.[Epub ahead of print].

2. Wiwanitkit V, Manusvanich P. Can hematocrit and platelet determination on admission predict shock in hospitalized children with dengue hemorrhagic fever? A clinical observation from a small outbreak. *Clin Appl Thromb Hemost* 2004;10:65-7.
3. Wiwanitkit V. Dengue fever: diagnosis and treatment. *Expert Rev Anti Infect Ther* 2010;8:841-5.

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